

=> d que l1e  
'L1E' IS NOT VALID HERE

=> d que l1  
L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON LOSARTAN/CN

=> d ide can

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 114798-26-4 REGISTRY  
 CN 1H-Imidazole-5-methanol, 2-butyl-4-chloro-1-[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

## OTHER NAMES:

CN DUP 89  
 CN Lortan  
 CN Losartan  
 FS 3D CONCORD  
 MF C22 H23 Cl N6 O  
 CI COM  
 SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
 BIOSBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
 CEN, CHEMCATS, CHEMINFORMRX, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE,  
 HSDB\*, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, MEDLINE, MRCK\*, PROMT,  
 RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO

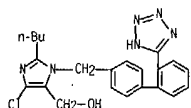
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 7: 139:374680

REFERENCE 8: 139:374659

REFERENCE 9: 139:369862

REFERENCE 10: 139:364939



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1659 REFERENCES IN FILE CA (1907 TO DATE)  
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1666 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:379164

REFERENCE 2: 139:377743

REFERENCE 3: 139:375580

REFERENCE 4: 139:375275

REFERENCE 5: 139:375012

REFERENCE 6: 139:374773

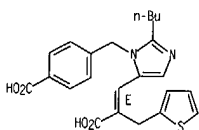
=> s eprosartan/cn

L2 1 EPROSARTAN/CN

=> d ide can

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 133040-01-4 REGISTRY  
 CN 2-Thiophenepropanoic acid, .alpha.-[[2-butyl-1-[(4-carboxyphenyl)methyl]-1H-imidazol-5-yl]methylene]-, (.alpha.E)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Thiophenepropanoic acid, .alpha.-[[2-butyl-1-[(4-carboxyphenyl)methyl]-1H-imidazol-5-yl]methylene]-, (E)-  
 OTHER NAMES:  
 CN (E)-2-Butyl-1-(p-carboxybenzyl)-.alpha.-2-thenylimidazole-5-acrylic acid  
 CN Eprosartan  
 CN SKB 108566  
 CN SKF 108566  
 FS STEREOSEARCH  
 MF C23 H24 N2 O4 S  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO. CA, CANCERLIT, CAPLUS, CASREACT, CBND, CHEMINFORMRX, CIN, DIOGENES, EMBASE, IMSDRUGNEWS, JMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

224 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 226 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:375012

REFERENCE 2: 139:345003

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 3: 139:285472

REFERENCE 4: 139:256390

REFERENCE 5: 139:240367

REFERENCE 6: 139:240004

REFERENCE 7: 139:224112

REFERENCE 8: 139:224059

REFERENCE 9: 139:223365

REFERENCE 10: 139:207790

=> e candesartan

E1	1	CANDESALVOQUIN/BI
E2	1	CANDESALVOQUINONE/BI
E3	2 -->	CANDESARTAN/BI
E4	1	CANDEX/BI
E5	1	CANDGA307/BI
E6	23092	CANDI/BI
E7	2	CANDIATE/BI
E8	17	CANDICAN/BI
E9	16	CANDICANDI/BI
E10	16	CANDICANDIOL/BI
E11	2	CANDICANIN/BI
E12	1	CANDICANOSIDE/BI

=> s ee

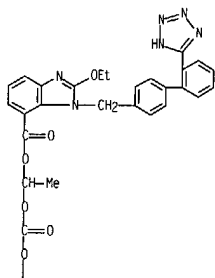
	120	EE
	1	EES
L3	121	EE
		(EE OR EES)

=> s e3

L4	2	CANDESARTAN/BI
----	---	----------------

=> d 1-2 ide can

L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 145040-37-5 REGISTRY  
 CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, 1-[[cyclohexyloxy]carbonyloxy]ethyl ester (9C1) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, 1-[[cyclohexyloxy]carbonyloxy]ethyl ester, (.+.-.)-  
 OTHER NAMES:  
 CN (.+.-.)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)]-7-benzimidazolecarboxylate, cyclohexyl carbonate (ester)  
 CN Atacand  
 CN Candesartan cilexetil  
 CN TCY 116  
 CN TCY 116  
 FS 3D CONCORD  
 DR 139481-74-6, 198077-85-9  
 MF C33 H34 N6 O6  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, ODFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO



PAGE 1-A

L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)



PAGE 2-A

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

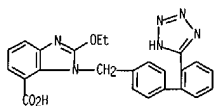
374 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 375 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:357803  
 REFERENCE 2: 139:332692  
 REFERENCE 3: 139:301750  
 REFERENCE 4: 139:301704  
 REFERENCE 5: 139:285472  
 REFERENCE 6: 139:270948  
 REFERENCE 7: 139:265824  
 REFERENCE 8: 139:255056  
 REFERENCE 9: 139:240042  
 REFERENCE 10: 139:230479

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 139481-59-7 REGISTRY  
 CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9C1) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2-Ethoxy-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylic acid  
 CN Candesartan  
 CN Candesartan M1  
 CN CV 11974  
 FS 3D CONCORD  
 MF C24 H20 N6 O3  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, DIOGENES, EMBASE, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PROMT, RTECS\*, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 9: 139:301140  
 REFERENCE 10: 139:301139



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

390 REFERENCES IN FILE CA (1907 TO DATE)  
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 393 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:375012  
 REFERENCE 2: 139:374276  
 REFERENCE 3: 139:358423  
 REFERENCE 4: 139:358417  
 REFERENCE 5: 139:332708  
 REFERENCE 6: 139:317069  
 REFERENCE 7: 139:317022  
 REFERENCE 8: 139:301164

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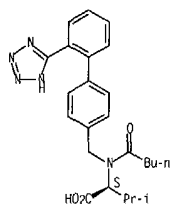
Page 7

=> s valsartan/cn  
L5 1 VALSARTAN/CN

=> d ide can

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 137862-53-4 REGISTRY  
 CN L-Valine, N-(1-oxopentyl)-N-[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-yl)methyl]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN CCP 48933  
 CN Diovon  
 CN Nisis  
 CN Tareg  
 CN Valsartan  
 FS STEREOSEARCH  
 DR 186597-74-0  
 MF C24 H29 N5 O3  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPATZ, USPATFULL  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

452 REFERENCES IN FILE CA (1907 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 455 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:375012

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 2: 139:374677  
 REFERENCE 3: 139:374675  
 REFERENCE 4: 139:374667  
 REFERENCE 5: 139:374109  
 REFERENCE 6: 139:354463  
 REFERENCE 7: 139:345624  
 REFERENCE 8: 139:333072  
 REFERENCE 9: 139:332690  
 REFERENCE 10: 139:332162



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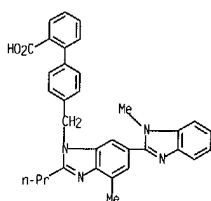
=> s telmisartan/cn

L6 1 TELMISARTAN/CN

=> d ide can

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 144701-48-4 REGISTRY  
 CN [1,1'-Biphenyl]-2-carboxylic acid, 4'-[(1,4'-dimethyl-2'-propyl-1H-benzimidazol]-1'-yl)methyl]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4'-[[4-Methyl-6-(1-methyl-2-benzimidazolyl)-2-propyl-1-benzimidazolyl]methyl]-2-biphenylcarboxylic acid  
 CN BTBR 277  
 CN BTBR 277SE  
 CN Micardis  
 CN Pritor  
 CN **Telmisartan**  
 FS 3D CONCORD  
 MF C33 H30 N4 O2  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSICHEM, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)  
 REFERENCE 1: 139:377743  
 REFERENCE 2: 139:375012  
 REFERENCE 3: 139:374665  
 REFERENCE 4: 139:358364  
 REFERENCE 5: 139:332750  
 REFERENCE 6: 139:316443  
 REFERENCE 7: 139:316442  
 REFERENCE 8: 139:301174  
 REFERENCE 9: 139:285472  
 REFERENCE 10: 139:270158



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

200 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 201 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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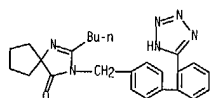
=> s irbesartan/cn

L7 1 IRBESARTAN/CN

=> d ide can

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 138402-11-6 REGISTRY  
 CN 1,3-Diazaspiro[4.4]non-1-en-4-one, 2-butyl-3-[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 2-Butyl-3-[p-(o-1H-tetrazol-5-ylphenyl)benzyl]-1,3-diazaspiro[4.4]non-1-en-4-one  
 CN Aprovel  
 CN Avapro  
 CN BMS 186295  
 CN Irbesartan  
 CN Karvea  
 CN SR 47436  
 FS 3D CONCORD  
 MF C25 H28 N6 O  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, PHAR, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)  
 REFERENCE 4: 139:358431  
 REFERENCE 5: 139:358402  
 REFERENCE 6: 139:358381  
 REFERENCE 7: 139:345609  
 REFERENCE 8: 139:333072  
 REFERENCE 9: 139:332784  
 REFERENCE 10: 139:316976



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

437 REFERENCES IN FILE CA (1907 TO DATE)  
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 438 REFERENCES IN FILE CAPLUS (1907 TO DATE)

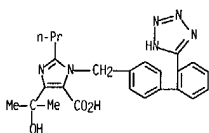
REFERENCE 1: 139:375489  
 REFERENCE 2: 139:375012  
 REFERENCE 3: 139:374627

=> s olmesartan/cn  
L8 1 OLMESARTAN/CN

=> d ide can

LB ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 144689-24-7 REGISTRY  
CN 1H-Imidazole-5-carboxylic acid, 4-(1-hydroxy-1-methylethyl)-2-propyl-1-  
[[2'-(1H-tetrazol-5-yl)(1,1'-biphenyl)-4-yl]methyl]- (9CI) (CA INDEX  
NAME)  
OTHER NAMES:  
CN **Olmesartan**  
CN RNH 6270  
FS 3D CONCORD  
MF C24 H26 N6 O3  
SR CA  
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN,  
IMSDRUGNEWS, IMPATENTS, IMSRESEARCH, IPA, PROMT, TOXCENTER, USAN,  
USPATFULL

LB ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)  
REFERENCE 9: 138:314583  
REFERENCE 10: 138:313938



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

31 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
32 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:358380  
REFERENCE 2: 139:345589  
REFERENCE 3: 139:301683  
REFERENCE 4: 139:255390  
REFERENCE 5: 139:235477  
REFERENCE 6: 139:17357  
REFERENCE 7: 138:378867  
REFERENCE 8: 138:343864

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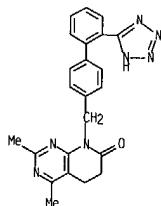
=> s tasosartan/cn

L9 1 TASOSARTAN/CN

=> d ide can

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 145733-36-4 REGISTRY  
CN Pyrido[2,3-d]pyrimidin-7(6H)-one, 5,8-dihydro-2,4-dimethyl-8-[[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Tasosartan  
CN WAY-ANA 756  
FS 3D CONCORD  
DR 153042-16-1  
MF C23 H21 N7 O  
SR CA  
LC STN Files: ADISINSIGHT, ADISNEWS, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, DIOGENES, EMBASE, IMSORUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK\*, MSDS-OHS, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: WHO

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)  
REFERENCE 4: 138:215317  
REFERENCE 5: 138:180405  
REFERENCE 6: 137:380012  
REFERENCE 7: 137:358120  
REFERENCE 8: 137:288447  
REFERENCE 9: 137:253025  
REFERENCE 10: 137:145599



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

61 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
62 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:255390  
REFERENCE 2: 139:62484  
REFERENCE 3: 138:265143



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=> log y

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY  
57.39

TOTAL  
SESSION  
57.60

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:27:05 ON 15 DEC 2003